Agriculture faces many challenges in continuing to feed a growing world population. Among these challenges will be confining production to the area currently under cultivation. To this end, understanding the land use implications of food consumption is an important research goal. This talk will discuss the development of a spreadsheet model of the land requirements of diet and human carrying capacity. Lessons will be shared from applying the model at the state, regional, and continental scales. The value of the model for teaching and outreach will also be discussed.

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